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ATTACHMENT 1(f)

LIST OF COPENDING APPLICATIONS #4	ATTORNEY DOCKET NO.	APPLICATION NO.
	21.1966CRE-C	09/925,942 TBA
	FIRST NAMED INVENTOR	
	Yoshio SATOH, et al.	
FILING DATE		GROUP ART UNIT
August 10, 2001		TBA 2817

1083 U.S. PTO
 09/925942
 08/10/01

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), no copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL	U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
<i>BS</i>	1	09/158,074	9/22/98	Yoshio SATOH, et. al.
<i>BS</i>	2	09/314,943	05/20/99	Yoshio SATOH, et. al.
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EXAMINER <div style="font-size: 1.5em; margin-top: 10px;"><i>Barbara Summers</i></div>	DATE CONSIDERED <div style="font-size: 1.5em; margin-top: 10px;"><i>4/29/02</i></div>
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 21.1966CRE-C	APPLICATION NO. 09/925,742 TBA
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Yoshio Sato, et al.	
		FILING DATE August 10, 2001	GROUP ART UNIT TBA 2817

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
BS	M	4,803,449	02/1989	Hikita et al.	333	193	
BS	AB	4,785,270	11/1988	Kinsman	333	193	
BS	AC	4,954,793	09/1990	Misu et al.	333	133	
BS	AD	5,015,973	05/1991	Kawakami et al.	333	206	
BS	AE	5,202,652	04/1993	Tabuchi et al.	333	193	
BS	AF	5,294,898	03/1994	Dworsky et al.	333	189	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
BS	AG	0337703	10/1989	EP				
BS	AH	0353073	01/1990	EP				
BS	AI	56-165428	05/1980	JP				
BS	AJ	6081910	05/1985	JP	333	133		
BS	AK	4016014	01/1992	JP	333	133		
	AL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

BS	AM	Urabe, S. et al., "SAW Resonator Type Voltage Controlled Oscillator for PLL-FM Modulator," The Transactions of the Institute of Electronics and Communication Engineers of Japan, Vol. J65-B, No. 2, Feb. 1982, pp. 177-184
BS	AN	Patent Abstract of Japan, Vo. 15, No. 74 (E-1036), Feb. 21, 1991 and JP-A-02 295212 (Fujitsu), Dec. 6, 1990

EXAMINER <i>Boulara Summons</i>	DATE CONSIDERED <i>4/29/02</i>
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 21.1966CRE-C	APPLICATION NO. TBA 09/925,942
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Yoshio SATOH, et al	
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
BS	AA	4,044,321	08/1977	Vasile	333	194	
BS	AB	Re 32,859	02/1989	Marshall et al	333	151	
BS	AC	3,582,540	06/1971	Adler et al	348	507	
BS	AD	4,166,258	08/1979	Tseng	333	195	
BS	AE	4,295,108	10/1981	Ieki	333	193	
BS	AF	4,495,431	01/1985	Grudkowski	310	313B	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
BS	AG	56-50613	05/1981	JAPAN				
BS	AH	5-206778	08/1993	JAPAN				
BS	AI	63-132515	06/1988	JAPAN				
BS	AJ	56-62416	05/1981	JAPAN				
BS	AK	53-105156	09/1978	JAPAN				
BS	AL	1-231417	09/1989	JAPAN				

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BS	AM	The Transactions of the Institute of Electronics and Communication Engineers of Japan, Examination, Group 5, Telecommunications, Vol. J65-B, No. 2, February, 1982, pp 177-184 (137-280) 2/25/82, Tokyo.
BS	AN	Minature SAW Antenna Duplexer Used in 800-MHz Portable Telephone for Reverse Frequency Allocation Systems, M. Hikita, et al, 10/1989, pp 31-38.
BS	AO	H. Satoh et al., "A Study of the Design of Acoustic Surface Wave Resonator For UHF Range VCO", National Convention Record, 1985, The Institute of Electronics and Communication Engineers of Japan, Part 1, March 27-30, 1985, p. 1-97.

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*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
BS	BA	4,625,184	11/1986	Niitsuma et al	333	150	
BS	BB	4,684,841	08/1987	Este et al	310	313B	
BS	BC	4,694,266	09/1987	Wright	333	196	
BS	BD	4,734,664	03/1988	Hikita et al	333	193	
BS	BE	4,978,879	12/1990	Satoh et al	310	313A	
BS	BF	5,039,957	08/1991	Greer et al	331	107A	

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BS	BG	52-48452	04/1977	JAPAN				
BS	BH	60-114010	06/1985	JAPAN				
BS	BI	2-69012	03/1990	JAPAN				
BS	BJ	1-290308	11/1989	JAPAN	333	193		
BS	BK	61-127220	06/1986	JAPAN				
BS	BL	58-20002	02/1983	JAPAN				

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BS	BM	"Acoustic Surface Wave Resonators for Broadband Applications, J. Vandewege, et al, pp 663-667, Proceeding of the 8th European Microwave Conference, 1978.
BS	BN	Attenuators, 9-5, Symmetrical T- and H-Attenuators, Electronic Engineering Databook, pp 237-238 (1963).
BS	BO	Transmission Circuit Networks and Filters, pp 78-81, 102-113, (1972).

EXAMINER <u>Bailua Summora</u>	DATE CONSIDERED <u>4/29/02</u>
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BS	BA	5,115,216	05/1992	Hikita et al	333	195	
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	BD						
	BE						
	BF						

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BS	BG	2-58915	02/1990	JAPAN				
BS	BH	3-220911	09/1991	JAPAN				
BS	BI	64-78511	03/1989	JAPAN				
BS	BJ	54-11120	06/1977	JAPAN				
BS	BK	1-260911	10/1989	JAPAN				
	BL							

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BS	BM	Uniform Recurring Structure Propagation Constant, pp. 103-105, Wire Transmission Science, 1982.
BS	BN	"Distributed Constant Circuit", pp 305-307, Basic Studies in Electronic, Telecommunications and Electrical Engineering, 1973.
BS	BO	Electronics Technology Series No. 7, New Piezoelectric Transducer - Resonator - Filter Technology 1996, 8th Edition, Editorial Staff, General Technology Publications, pp 141-143.

EXAMINER	Baulava Summora	DATE CONSIDERED	4/29/02
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BS	BH	2283587	03/1976	FRANCE				
BS	BI	3323612	01/1984	GERMANY				
BS	BJ	6081911	10/1983	JAPAN				
BS	BK	416014	05/1990	JAPAN				
BS	BL	4-253412	09/1992	JAPAN	333	193		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

BS	BM	Electric Circuit II, Tadashi Sekiguchi, Ph.D., Tokyo University, Published November 10, 1977.
BS	BN	Handbook of Filter Synthesis, Zverev, 1967, pp 425-427.
BS	BO	"Active Development of SAW Resonator", <u>Nikkei Electronics</u> , Nov. 29, 1976, pp 76 and 80.

EXAMINER <u>Barbara Summons</u>	DATE CONSIDERED <u>4/29/02</u>
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
BS	BG	63-88910	04/1988	JAPAN				
SAME AS item BN on page 4 of 9	BH	JP A 3220911	09/1991	JAPAN				
BS	BI	5167388	07/1993	JAPAN	333	133		
	BJ							
	BK							
	BL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

BS	BM	"Theory and Design of Filters", Sangyo-Shuppan, pp 192-203.
BS	BN	Y. Ebata et al, "SAW Resonator on LiTaO ₃ Substrate and Application Thereof to Oscillator for VTR", <u>Journal of Institute of Electronics and Communication Engineers</u> , Vol. J66-C, No. 1, Jan. 1983, pp. 23-30.
BS	BO	G. Kuraishi, "Microwave Circuits", <u>Tokyo Denki Daigaku Shuppan-Kyoku</u> , pp 199.

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	BH							
	BI							
	BJ							
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	BL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

BS	BM	O. Ikata et al, "Development of 800 MHz Band SAW Filters Using Weighting for the Number of Finger Pairs," 1990 <u>Ultrasonics Symposium</u> , pp. 83-86.
BS	BN	K. Yamanouchi et al, "Applications for Piezoelectric Leaky Surface Waves," 1990 <u>Ultrasonics Symposium</u> , pp. 11-13.
BS	BO	Patent Abstracts of Japan, Vol. 15, No. 506 (E-1148) 20 Dec. 1991 and JP-A 3 220911 (Fujitsu) 30 Sept. 1991.

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TBA 09/925942

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	AE						
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
SAME AS item BG page 5	AG	4-253412	09/1992	JAPAN				
SAME AS item BG page 6	AH	63-88910	04/1988	JAPAN				
	AI							
	AJ							
	AK							
	AL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Same as item BM on page 5	AM	Electric Circuit II, Tadashi Sekiguchi, Ph.D., Tokyo University, Published November 10, 1977
Same as item AM on page 1	AN	S. Uebe, et al., "SAW Resonator Stabilized Voltage Controlled Oscillator for PLL-FM Modulator", The Inst. of Electronics & Communication Engineers of Japan, Vol. J65-B, No. 2, pp. 137-280 (2/82)
	AO	

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	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	Yamanouchi et al., <u>Positive Negative Reflection-Type SAW Reflectors on St-Quartz Using New Fabrication Technique</u> ; Japanese Journal of Applied Physics, Supplements; vol. 25, no. 1, 1985; pp. 154-156.
	AN	Yamanouchi et al., <u>5 Ghz Range SAW Filter Fabricated by Electroni Beam Exposure with O-Plasma Ashing Techniques</u> ; vol. 25, no. 1, 1985, pp. 154-156.
EXAMINER <u>Barbara Summors</u>		DATE CONSIDERED <u>4/29/02</u>
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